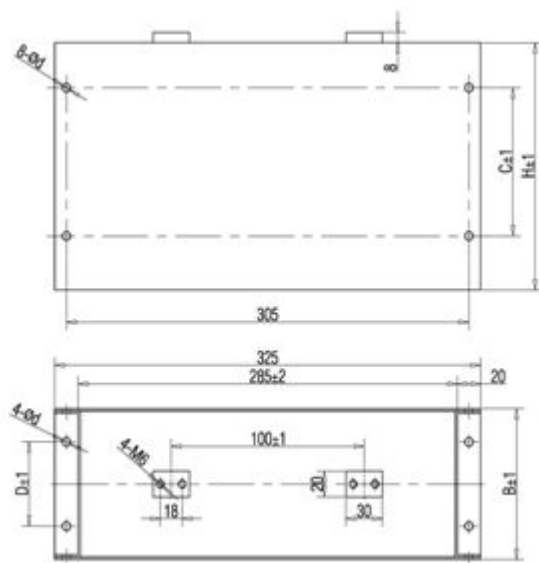


<b>GENERAL TECHNICAL CHARACTERISTICS</b>	
Reference standards :	IEC 61071-60068
Dielectric :	Polypropylene film
Construction :	Segmented metallized film Dry construction Non-inductive type
Coating :	Aluminum case
Leads:	Threaded insert
<b>ELECTRICAL CHARACTERISTICS</b>	
Operating temperature range	- 40 to + 85 °C
Capacitance :	400 to 6000 $\mu$ F
Rated Voltage :	800 to 3600 VDC
Tolerance :	$\pm 5\%$ , $\pm 10\%$
Dissipation factor:	$\leq 2 \times 10^{-3}$ Measured at 100Hz and 25 $\pm 5^\circ$ C
Life expectancy :	100,000 hours at Un and 70 °C (Hot-spot temperature)
<b>TEST METHODS AND PERFORMANCES</b>	
Dielectric strength:	1.5Un (DC) applied for 10s at 25 $\pm 5^\circ$ C
Test voltage terminal to case :	(1.5 $\times$ Un+1000)Vac,Min 3000Vac,for 60 sec
Insulation resistance :	$\geq 5000$ s, after 1 minute of electrification at 100Vdc (25 $\pm 5^\circ$ C )

**▲Outline drawing**



Case	B	H	C	D	d
1	120	160	80	80	7
2	120	225	100	80	7
3	120	290	120	80	7
4	230	225	100	150	9
5	230	290	120	150	9
6	230	355	150	150	9

▲Electrical specifications, ordering codes

Ordering Code	Cap (μF)	Case code	Ls (nH)	ESR@1.0k Hz(mΩ)	I <sub>rms</sub> @25°C@10kHz (A)	R <sub>th</sub> (k/w)	Weight (Kg)
<b>Un 800VDC Us 1200V</b>							
CFS830K180-1	3000	1	< 120	1.37	110	0.98	8
CFS845K180-2	4500	2	< 120	1.08	140	0.74	11
CFS860K180-3	6000	3	< 120	0.93	160	0.59	14
<b>Un 1000VDC Us 1500V</b>							
CFS817K211-1	1700	1	< 120	1.70	100	0.98	8
CFS826K211-2	2600	2	< 120	1.28	130	0.74	11
CFS835K211-3	3500	3	< 120	1.08	150	0.59	14
<b>Un 1200VDC Us 1800V</b>							
CFS812K212-1	1200	1	< 120	1.92	90	0.98	8
CFS818K212-2	1800	2	< 120	1.44	120	0.74	11
<b>Un 1600VDC Us 2400V</b>							
CFS768K216-1	680	1	< 120	2.37	80	0.98	8
CFS810K216-2	1000	2	< 120	1.77	110	0.74	11
CFS813K216-3	1300	3	< 120	1.44	130	0.59	14
<b>Un 1800VDC Us 2700V</b>							
CFS755K218-1	550	1	< 120	2.56	80	0.98	8
CFS780K218-2	800	2	< 120	1.92	100	0.74	11
CFS811K218-3	1100	3	< 120	1.53	130	0.59	14
<b>Un 2000VDC Us 3000V</b>							
CFS813K220-4	1300	4	< 120	2.57	100	0.54	21
CFS817K220-5	1700	5	< 120	2.20	120	0.44	27
CFS822K220-6	2200	6	< 120	1.93	140	0.37	32
<b>Un 2400VDC Us 3600V</b>							
CFS790K224-4	900	4	< 120	2.89	100	0.54	21
CFS812K224-5	1200	5	< 120	2.42	120	0.44	27
CFS815K224-6	1500	6	< 120	2.13	140	0.37	32
<b>Un 2800VDC Us 4200V</b>							
CFS766K228-4	660	4	< 120	3.21	90	0.54	21
CFS788K228-5	880	5	< 120	2.66	110	0.44	27
CFS811K228-6	1100	6	< 120	2.32	130	0.37	32
<b>Un 3200VDC Us 4800V</b>							
CFS750K232-4	500	4	< 120	3.55	90	0.54	21
CFS768K232-5	680	5	< 120	2.87	110	0.44	27
CFS785K232-6	850	6	< 120	2.50	130	0.37	32
<b>Un 3600VDC Us 5400V</b>							
CFS740K236-4	400	4	< 120	3.83	90	0.54	21
CFS754K236-5	540	5	< 120	3.10	100	0.44	27
CFS768K236-6	680	6	< 120	2.67	120	0.37	32

\*Special design available to meet your requirements.